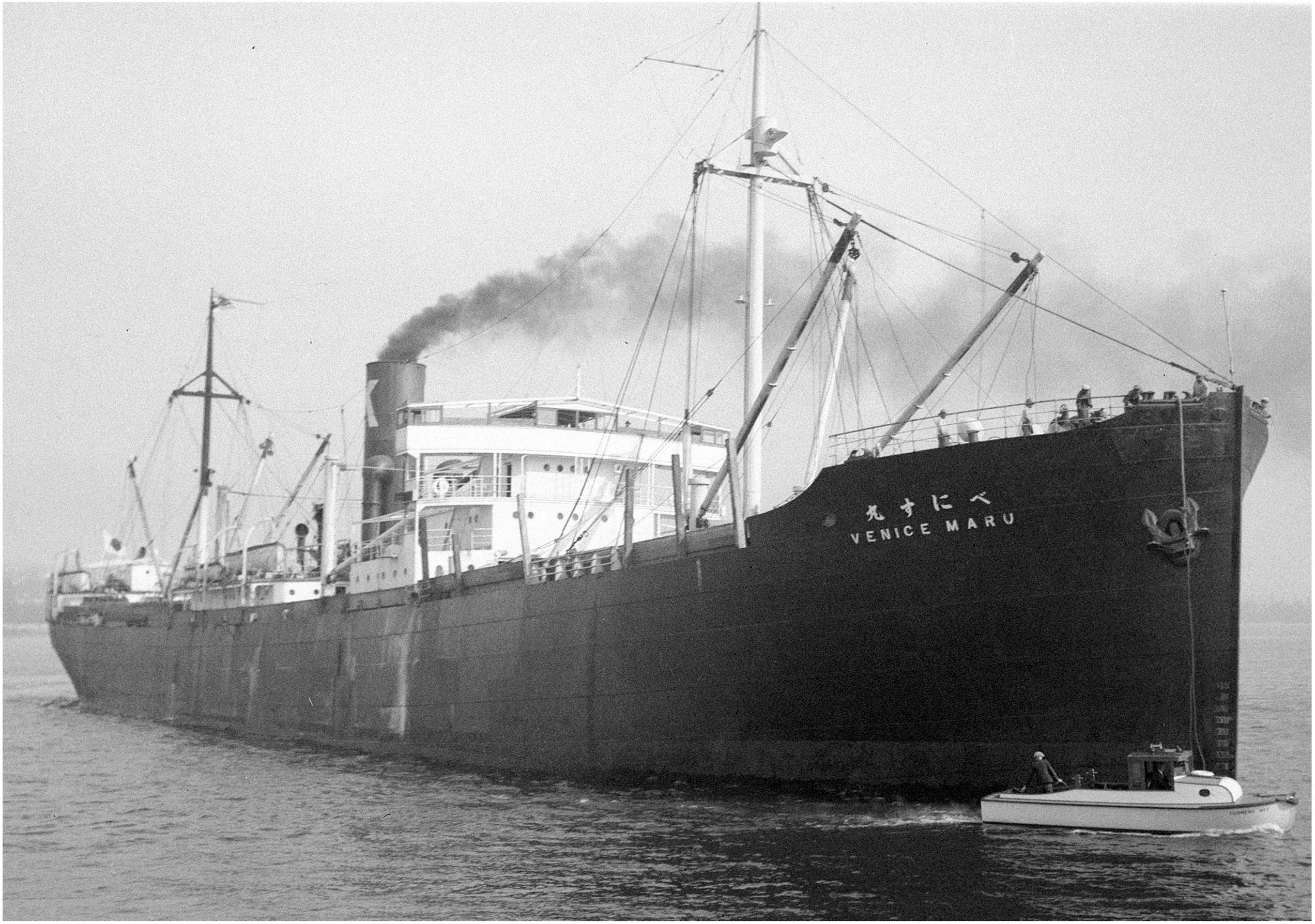
ベニス丸
VENICE MARU

K. 477.

S/S VENICE MARU

(ex ASAMA MARU.)

Construction Profile & Decks

Kobe Rpt. No 3215.

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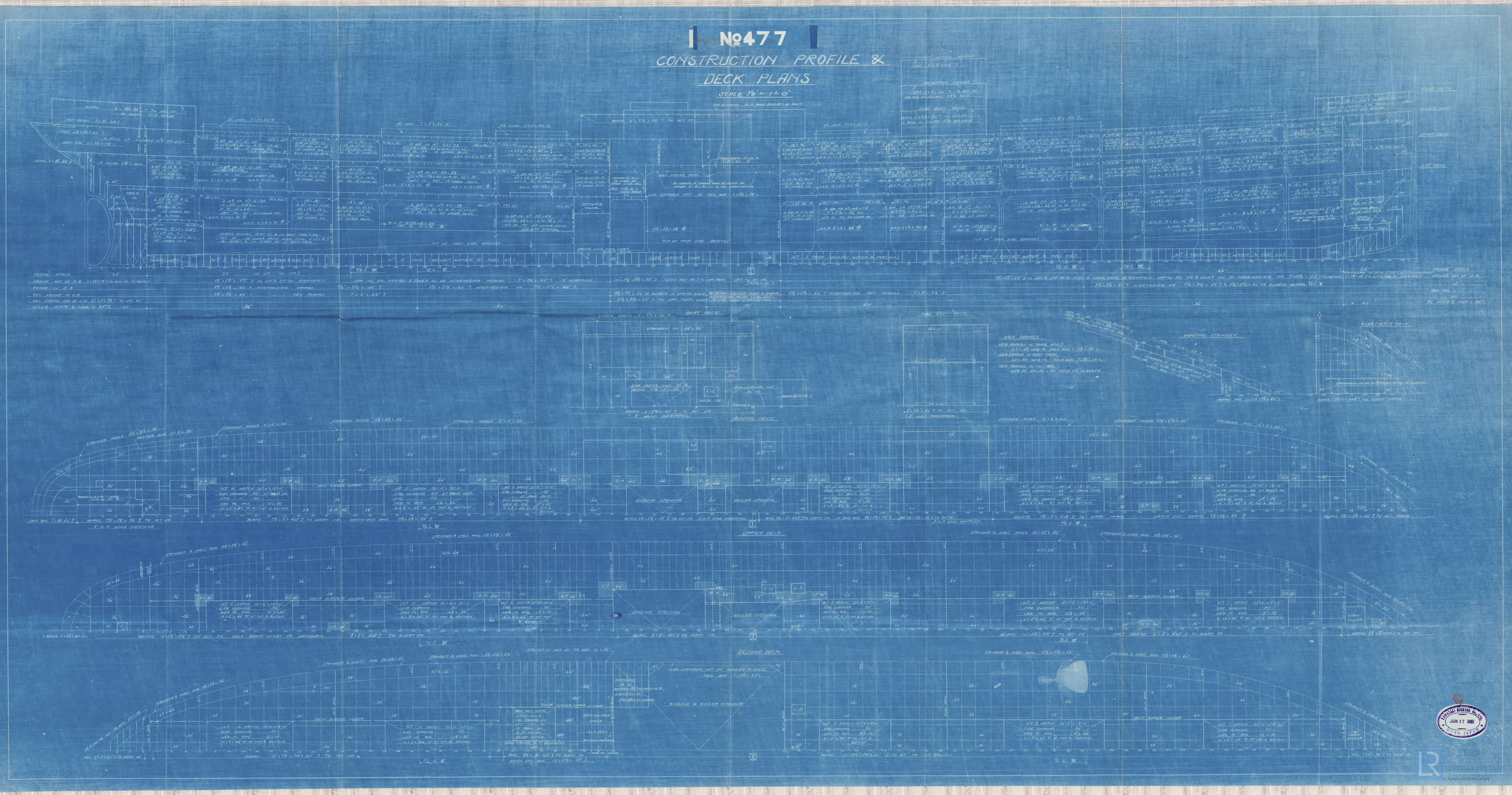
CONSTRUCTION PROFILE & DECK PLANS

SCALE 1/8" = 1'-0"



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K. 477.

S/S VENICE MARU.
(ex ASAMA MARU.)

Midship Section

Kobe Rpt. No 3215

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007496-007505-0108

№477

MIDSHIP SECTION.

SCALE ½" = 1'-0"

TO CLASS TEISHINSHO RULE 1ST CLASS VESSEL & LLOYD'S 100 A1 WITH FREE BOARD.

PRINCIPAL DIMENSIONS	
LENGTH BETWEEN P. P.	468'-0"
BREADTH MOULDED	53'-0"
DEPTH " TO AW. DECK	37'-0"
HEIGHT BETWEEN UP. & AW. DKS.	8'-0"
" " " 2ND "	9'-6"
" " AW. " FCLE "	6'-3"

SCANTLING NUMBERS.	
B	83
D	29
TRANS. №	82
L	468
LONG. №	33,210
L/D TO AW. DK	16.98
d " UP. "	25'-5" IN MACH. SPACE
" " 2ND "	15'-11"

FORGING & CASTINGS		
STEM OF ROLLED MILD STEEL	10½" × 2⅜"	
STERN FR. PROP. POST.	10½" × 7½"	OF CAST STEEL
RUDDER "	9" × 7½"	

RUDDER FRAME OF CAST STEEL AS PER DETAIL PLAN.

EQUIPMENT NUMBER	
LONGITUDINAL NUMBER	= 33,210
ERECTIONS (468 × 8 × 0.75) + (314.5 × 6.75 × 0.75)	= 28,977.42
DECK HOUSES (26 + 32) × 7.5 × 0.5	= 217.50
" " (14.25 × 8.75 + 44.96 × 7.75) × 0.5	= 265.31
NUMERAL	= 34,326.23

EQUIPMENT.			
3 BOWER ANCHORS (STOCKLESS)	61	C.WT.	EACH
1 STREAM ANCHOR (COMMON)	17½	"	EX. STOCK
1 KEDGE " (")	7½	"	"
2 11/16" STUD CHAIN CABLE	270	FATHOMS	
4 3/4" STEEL WIRE FOR STREAM ANCHOR	90	"	
3" " " TOW LINE	120	"	
2 COILS OF 8" MANILLA	90	"	EACH
2 " " 7" "	90	"	"

ROWS OF RIVETS IN BUTT		
ITEMS	½ L ⊠	ENDS
AWNING DK. STRINGER PLATE	3	3
" " PLATING	2	1
UPPER " STRINGER PLATE	3	3
" " PLATING	2	1
SECOND " STRINGER PLATE	3	3
" " PLATING EXCEPT TOP OF DEEP TANK WHERE DOUBLE	1	1
SHEER STRAKE	4	3
STRAKE BELOW SHEER STRAKE	4	3
SIDE PLATING OF SHELL	3	3
BOTTOM " " "	4	3
BOSS " " "		4
KEEL PLATE	4	4-3
MIDDLE LONG STRAKE OF INNER BOTTOM PLATING	3	3-2
INNER BOTTOM PLATING	2	1
MARGIN PLATE	3	2
CENTRE GIRDER	3	3
FORECASTLE DK. STRINGER PLATE		2
" " PLATING		1

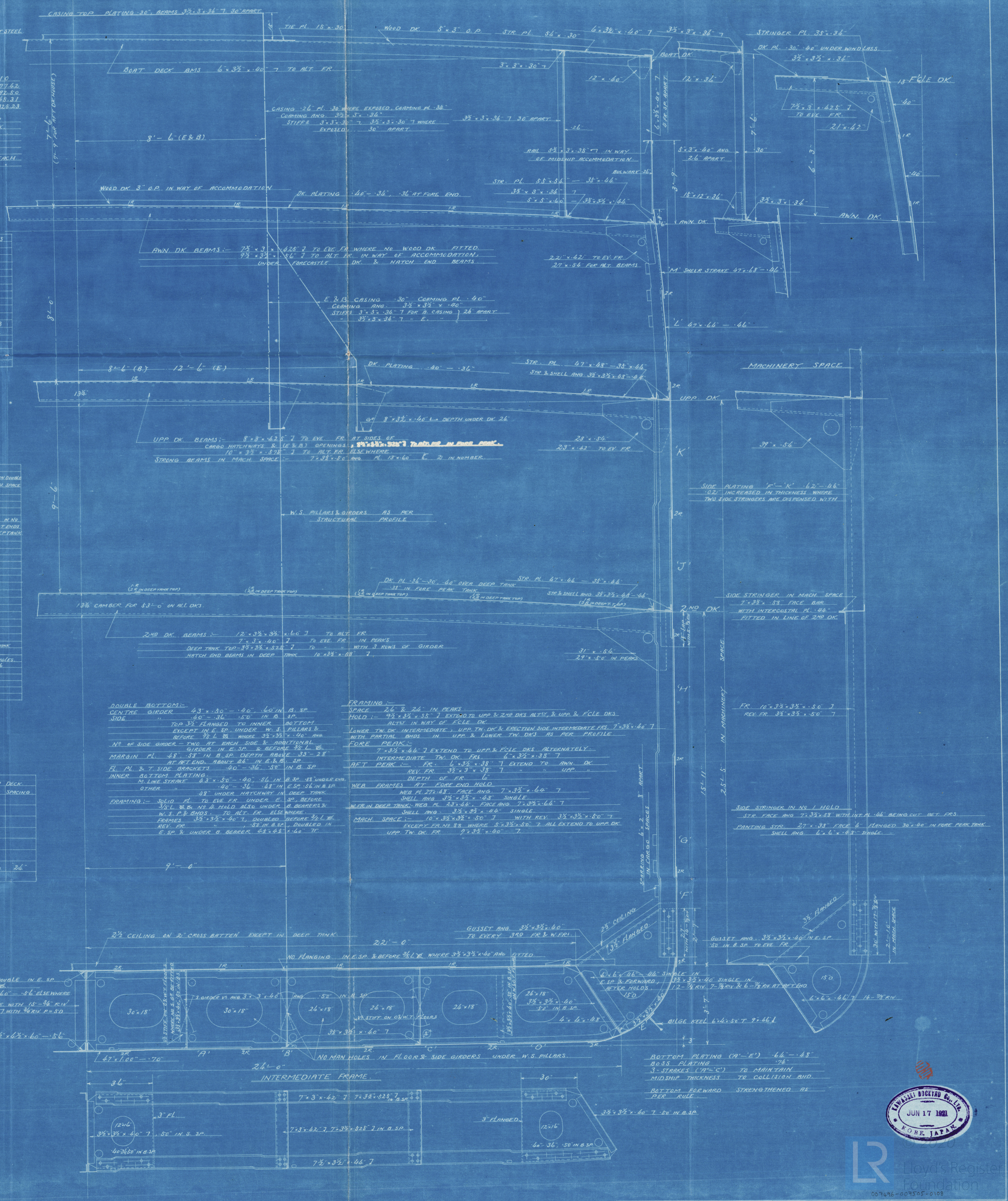
RIVETING	
ITEMS	PITCH OF RIV. C.S. IN IT'S DIA.
FRAME TO SHELL	7, 3½ IN PEAK & DEEP TANKS, & IN DOUBLE BOTTOM BEFORE ⅜ L ⊠ & 4½ IN MACH. SPACE
FRAME TO FLOORS IN AFT PEAK	5
" " REV. FR. " " "	3½
" " " " " MACH. SPACE	7
BUTTS OF SHELL PLATE	3½ 4 IN 4 PLE BUTT LAP
SEAMS " " "	5-ROWS RIV. 6-ROWS RIV. 7-ROWS RIV. IN № BETWEEN FRS. & 4 DIA. C.S. WIDE AT ENDS
DK. PLATE TO BMS	7, 6 ON BEAMS TO AFT FR. & IN DEEP TANK
BUTTS OF STRINGER PL.	3½
" " DK. "	4
EDGES " " "	4½
GUNWALE ANG.	4½
DK. STR. "	7
DOUBLE BOTTOM	
BUTTS OF MARGIN PL. & CENTRE GIRDER	4
BUTTS & EDGES OF INNER BOTTOM PL.	4
MARGIN ANG.	4½
KEEL "	5
FLOOR PL. TO FR. & REV. FR.	7
VERTICAL ANG. ON C.S. G.S. AT ENDS	5
" " " SIDE "	7
ANG. AT TOP OF CENTRE GIRDER	7, 5 WHERE C.S. G.S. W.T.
TOP & BOTTOM ANG. ON SIDE GIRDER	4 RIV. IN № BETWEEN FRS.
BUTTS & SEAMS OF BHD. PL.	4½ EXCEPT BOUNDARY BHD OF DEEP TANK WHERE 3½
BULKHEAD BOUNDARY ANGLES	5, 4½ FOR SINGLE RIV. ANGLES 7 EXCEPT IN DEEP TANK WHERE 6
" STIFFENERS	
SIDE STR. FACE ANGLE	7
" " SHELL FLANGE OF INTERCOSTAL PL.	4 RIV. IN № BETWEEN FRS.
W. S. PILLARS & GIRDERS EXCEPT GIRDER TO DK	7
INTERCOSTAL PL. OF DK. GIRDER TO DK.	5
SHELL PL. TO STEM & STERN FRAME.	5

W. T. BULKHEADS

7 IN NUMBER EXTEND TO UPPER DECK EXCEPT COLLISION & AFT END BHD OF DEEP TANK WHICH FORMER EXTEND TO AWN. DK. & THE LATER EXTEND TO SECOND DK.

BULKHEAD STIFFENERS AS IN FOLLOWING TABLE:-

FRAME №	HOLD STIFFENERS	HOLD SPACING	LOWER TWEEN DECK STIFFENERS	LOWER TWEEN DECK SPACING	UPPER TWEEN DECK STIFFENERS	UPPER TWEEN DECK SPACING
FR. № 9	7"×3"×.40" B. ANG	24"	5"×3"×.32" ANG	30"		
" " 35	9"×3½"×.55" B. "	30"	" " "	"		
" " 58	9"×3½"×.52.5" B. ANG	24"				
" " 74	" "	"	5"×3"×.36" ANG	30"		
" " 98	" "	30"	" "×.32" "	"		
" " 149	10"×3⅝"×3⅝"×.65" ⊐ VS STIFF 10"×3⅝"×3⅝"×.578" ⊐	"	" " "	"		
" " 177	11" " 8"×3½"×.45" ⊐	24"	5"×3"×.40" "	24"	3½"×3"×.30" ANG	24"
LONG'L BHD IN DEEP TANK	8"×3½"×.65" ⊐	24"				



DOUBLE BOTTOM:-
CENTRE GIRDER 43"×.50"-.40", .40" IN B. SP.
SIDE " .40"-.36", .50" IN B. SP.
TOP 3½" FLANGED TO INNER BOTTOM EXCEPT IN E. SP. UNDER W. S. PILLARS & BEFORE ⅜ L ⊠ WHERE 3½"×3½"×.40" ANG.
№ OF SIDE GIRDER — TWO AT EACH SIDE & ADDITIONAL GIRDER IN E. SP. & BEFORE ⅜ L ⊠.
MARGIN PL. 48", 58" IN B. SP. DEPTH ABOVE 33'-2" AT AFT END. ABOUT 24" IN E. & B. SP.
FL. PL. & T. SIDE BRACKETS ·40"-·36", ·50" IN B. SP.
INNER BOTTOM PLATING:
M. LINE STRAKE 43"×.50"-.40", .56" IN B. SP. .58" UNDER ENG.
OTHER " .40"-.36", .48" IN E. SP. .56" IN B. SP.
.48" UNDER HATCHWAY IN DEEP TANK.
FRAMING:- SOLID FL. TO EVE FR. UNDER E. SP., BEFORE ⅜ L ⊠ & № 4 HOLD ALSO UNDER B. BEARERS & W. S. P. & BHDS. TO ALT. FR. ELSEWHERE.
FRAMES 3½"×3½"×.40" ⊐, DOUBLED BEFORE ⅜ L ⊠.
REV. FR. " " .50" IN B. SP., DOUBLED IN E. SP. & UNDER B. BEARER 4½"×4½"×.40" ⊐

FRAMING:-
SPACE 26" & 24" IN PEAKS
HOLD:- 9½"×3½"×.35" ⊐ EXTEND TO UPP. & 2ND DKS ALT'LY, & UPP. & FCLE DKS ALT'LY IN WAY OF FCLE DK.
LOWER TW. DK. INTERMEDIATE, UPP. TW. DK. & ERECTION SIDE INTERMEDIATE FRS. 7"×3½"×.40" ⊐ WITH PARTIAL BHDS IN UPP. & LOWER TW. DK'S AS PER PROFILE
FORE PEAK:-
7"×3½"×.46" ⊐ EXTEND TO UPP. & FCLE DKS ALTERNATELY.
INTERMEDIATE TW. DK. FRS. 6"×3½"×.35" ⊐
AFT PEAK:- FR. 6"×3½"×.38" ⊐ EXTEND TO AWN. DK.
REV. FR. 3½"×3"×.38" ⊐ " " UPP. "
DEPTH OF FR. 6"
WEB FRAMES AT FORE END HOLD
WEB PL. 272"×.48" FACE ANG. 7"×3½"×.64" ⊐
SHELL ANG. 3½"×3½"×.48" SINGLE
WEB IN DEEP TANK:- WEB PL. 23"×.46" FACE ANG. 7"×3½"×.46" ⊐
SHELL ANG. 3½"×3½"×.44" SINGLE.
MACH. SPACE:- 10"×3½"×3½"×.50" ⊐ WITH REV. 3½"×3½"×.50" ⊐
EXCEPT FR. № 88 WHERE 5"×3½"×.50" ⊐ ALL EXTEND TO UPP. DK.
UPP. TW. DK. FR. 7"×3½"×.40" ⊐

BOTTOM PLATING ('A'-'E') ·64"-·48"
BOSS PLATING ·74"
3-STRAKES ('A'-'C') TO MAINTAIN MIDSHIP THICKNESS TO COLLISION BHD.
BOTTOM FORWARD STRENGTHENED AS PER RULE.

KAWASAKI DOCKYARD Co., LTD. JUN 17 1921 KOBE, JAPAN.

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